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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known							
Application Number	10/789,353-Conf. #9688						
Filing Date	February 26, 2004						
First Named Inventor	Arthur M. Krieg						
Art Unit	1645						
Examiner Name	N. Archie						
Attorney Docket Number	C1039.70083US07						

			U.S. PA	TENT DOCUMENTS		
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
/NA/		6,030,954*		Wu et al.		
/NA/		6,620,805*		Takle et al.		

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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear							
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patient Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patient documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patient document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Cite No.'		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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		Patent Interference No. 105,526. Krieg Contingent Responsive Motion (to add new claims 104 and 105). (Electronically filed, unsigned). July 25, 2007. **	
		Patent Interference No. 105,526. Krieg Substantive Motion 3 (for judgment based on prior art). (Electronically filed, unsigned). June 18, 2007. **	
	-	Patent Interference No. 105,526. Raz Motion 1 (Unpatentability of Krieg Claims under 35 U.S.C. § 112, First Paragraph). (Electronically filed, unsigned). June 18, 2007. **	
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Examiner Signature	/Nina Archie/	Date Considered	12/21/2007

Sub	stitute for form 1449/PTO			Complete if Known			
				Application Number	10/789,353-Conf. #9688		
IN.	IFORMATION	DIS	SCLOSURE	Filing Date	February 26, 2004		
S	TATEMENT E	BY A	PPLICANT	First Named Inventor	Arthur M. Krieg		
				Art Unit	1645		
	(Use as many she	ets as	necessary)	Examiner Name	N. Archie	•	
Sheet	2	of	2	Attorney Docket Number	C1039.70083US07		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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		Patent Interference No. 105,526. Krieg Opposition 4 (Opposition to Motion for Designating Claims 46 and 82-84 as Corresponding to the Court) (Electronically filed, unsigned) September 10, 2007. **	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	/Nina Archia/	Date	
	/Nina Archie/	Date	
Signature		Considered	12/21/2007
Orginature		Considered	12/2/1/2001

^{*}A copy of this reference is not provided as the Office has waived the requirement under 37 C.F.R. 1.98(a)(2)(iii) for submitting a copy of a cited U.S. patent application if it is scanned to the image File Wrapper system and is available on Private PAIR.

^{**} A copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No.10/690,495, filed October 21, 2003, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

^{&#}x27;Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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FORM BTO	1440/A and B (m		DADENI	APPLICATION NO.: 10/789,353	ATTY. DOCKET NO.: C1039.70083US07
FORM PTO-1449/A and B (modified PASS) INFORMATION DISCLOSURE				FILING DATE: February 26, 2004 CONFIRMATION NO.: 9688	
	MENT BY			APPLICANT: Krieg et al.	
Sheet	1	of		GROUP ART UNIT: 1645	EXAMINER: N. Archie
Sheet	I	1 01	<u> </u>		

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	No.	Number	Kind Code	Document		
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Examiner's Initials #	Cite	Foreign Patent Document			Name of Patentee or Applicant of Cited	Date of Publication of	Translation
	No.	Office/ Country	Number	Kind Code	Document Document	Cited Document MM-DD-YYYY	(Y/N)
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OTHER ART NON PATENT LITERATURE DOCUMENTS

Examiner's Cite Initials No		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
/NA/		Patent Interference No. 105,526. Krieg Opposition 6 (Opposition to Raz Contingent Responsive Motion 6) (Electronically filed, unsigned) September 10, 2007.						
1	*	Patent Interference No. 105,526. Krieg Reply 1 (Reply to Raz opposition 1) October 5, 2007						
	*	Patent Interference No. 105,526. Krieg Reply 2 (Reply to Raz opposition 2) October 5, 2007						
	*	Patent Interference No. 105,526. Krieg Reply 4 (Reply to Raz opposition 4) October 5, 2007						
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	+	Patent Interference No. 105,526. Raz Reply 2 (Reply to Krieg opposition 2) October 5, 2007						
	+	Patent Interference No. 105,526. Raz Reply 3 (Reply to Krieg opposition 3) October 5, 2007						
	•	Patent Interference No. 105,526. Raz Reply 4 (Reply to Krieg opposition 4) October 5, 2007						
$\overline{}$	+	Patent Interference No. 105,526. Raz Reply 6 (Reply to Krieg opposition 6) October 5, 2007						

^{&#}x27;a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 10/690,495, filed October 21, 2003, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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FORM TO 1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

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of

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APPLICATION NO.: 10/789,353

ATTY. DOCKET NO.: C1039.70083US07

FILING DATE: February 26, 2004

CONFIRMATION NO.: 9688

APPLICANT: Krieg et al.

GROUP ART UNIT: 1645

EXAMINER: Nina Archie

Examiner's	Cite	U.S. Patent Doc		Name of Patentee or Applicant of Cited	Date of Publication or Issue	
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EXAMINER:	/Nina Archie/	DATE CONSIDERED: 12/21/2007

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OPM PTO-1	449/A and B (modified '	PTO/88/08)	APPLI	CATION NO	.: 10/789,353	ATTY. DOCKET NO.: C1039.70083US07
	•			FILING DATE: February 26, 2004 CONFIRMA			CONFIRMATION NO.: 9688
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Krieg et al.					
				GROU	P ART UNIT	: 1645	EXAMINER: Nina Archie
Sheet	2	of	13	ــــــــــــــــــــــــــــــــــــــ			
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	INFORMATION DISCLOSURE		G DATE: February 26, 2004	CONFIRMATION NO.: 9688
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Sheet	3 of 13	GROU	JP ART UNIT: 1645	EXAMINER: Nina Archie
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· DRM PTO-14	149/A and B (n	nodified P	TO/SB/08)	APPLI	CATION NO.	: 10/789,353	ATTY. DOC	KET NO.: C1039,70083US07
	·			FILING	FILING DATE: February 26, 2004 CONFIRMA			TION NO.: 9688
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLI	CANT: Krie	g et al.				
Sheet	4	of	13	GROU	P ART UNIT	: 1645	EXAMINER	: Nina Archie
<u>-</u>								
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FORM PTO-1449/A and B (modified PTO/SB/08)

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Sheet 5 of 13

APPLICATION NO.: 10/789,353 ATTY. DOCKET NO.: C1039.70083US07

FILING DATE: February 26, 2004 CONFIRMATION NO.: 9688

APPLICANT: Krieg et al.

GROUP ART UNIT: 1645 EXAMINER: Nina Archie

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	*	Patent Interference No. 105,171. Regents of the University of California Opposition 8 (to Iowa	
		Preliminary Motion 8 to redefine the Count). September 9, 2004.	
		Patent Interference No. 105,171. Regents of the University of California Response 9 (to Iowa	
		Contingent Motion 9 for benefit). September 9, 2004.	
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	*	Patent Interference No. 105,171. Regents of the University of California Opposition 11 (to Iowa	
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	*	Patent Interference No. 105,171. Iowa Reply 3 (in support of Iowa Preliminary Motion 3 for	
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		Patent Interference No. 105,171. Iowa Reply 4 (in support of Iowa Preliminary Motion for judgment	
	*	of no interference in fact) (Electronically filed, unsigned). October 15, 2004.	
	*	Patent Interference No. 105,171. Iowa Reply 5 (in support of Iowa Preliminary Motion 5 for	
	* .	judgment that UC's claim 205 is not enabled) (Electronically filed, unsigned). October 15, 2004.	
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1	•	the count) (Electronically filed, unsigned). October 15, 2004.	
	1.	Patent Interference No. 105,171. Iowa Reply 10 (in support of Iowa Preliminary Motion 10 to	
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77	1.	Patent Interference No. 105,171. Iowa Reply 11 (in support of Iowa Miscellaneous Motion to	
V	*	suppress). (Electronically filed, unsigned). October 18, 2004.	

EXAMINER:	DATE CONSIDERED:
/Nina Archie/	12/21/2007

¹ EXAMINER: Initial if reference considered, whether or notitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

CORM DTO	144044 I D	· (4:6 4)	DTO/SD/00)	APPLICATION NO.: 10/789,353	ATTY. DOCKET NO.: C1039.70083US07
FORM PTO-1449/A and B (modified PTO/SB/08)				FILING DATE: February 26, 2004 CONFIRMATION NO.: 9688	
STATEMENT BY APPLICANT				APPLICANT: Krieg et al.	
				GROUP ART UNIT: 1645	EXAMINER: Nina Archie
Sheet	12	of	13		

/NA/	*	Patent Interference No. 105,171. Regents of the University of California Preliminary Statement. June 7, 2004.	
	*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 1 (to designate additional claims of Iowa patent as corresponding to the Count). June 7, 2004.	
	*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 2 (for judgment based on lack of written description support and introducing new matter). June 7, 2004.	
	*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 3 (for judgment based on anticipation). June 7, 2004.	
	*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 4 (for judgment based on obviousness). June 7, 2004.	
	*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 5 (for judgment based on anticipation). June 7, 2004.	
	*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 6 (for judgment based on inequitable conduct). June 7, 2004.	
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	*	Patent Interference No. 105,171. Iowa Opposition 2 (opposition to motion for judgment based on lack of written description support and introducing new matter) (Electronically filed, unsigned). September 9, 2004.	
	+	Patent Interference No. 105,171. Iowa Opposition 3 (opposition to motion for judgment based on anticipation) (Electronically filed, unsigned). September 9, 2004.	
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EXAMINER:		DATE CONSIDERED:		
	/Nina Archie/		12/21/2007	

EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered, nelude copy of this form with next communication to Applicant.

FORM THE			.	70 (OD (OO)	APPLICATION NO.:	10/789,353	ATTY. DOCKET NO.: C1039.70	0083US07
FORM PTO-	ORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE		FILING DATE: Febru	ary 26, 2004	CONFIRMATION NO.: 9688			
	RMATIO EMENT				APPLICANT: Krieg	et al.		
						1645	DVALORED Nine Applie	
Sheet	13	0	f	13	GROUP ART UNIT:	1645	EXAMINER: Nina Archie	
		T			05.15) D		:C:- D1 -4 (4- I	
/NA/	*	Opposi	Interfe tion to	rence No. 1 UC Prelim	05,171. Regents of the Union of the Union 4 for Judg	University of Cal ment). October 1	ifomia Reply 4 (to Iowa's 5, 2004.	
	*	Patent	Interfe	rence No. 1	05,171. Regents of the U	Iniversity of Cal	ifornia Reply 5 (to Iowa's	
	ļ	Opposi	tion to	UC Prelim	inary Motion 5 for Judg	ment). October I	5, 2004. ifornia Reply 6 (to Iowa's	
	*	opposit	tion to	UC Prelim	nary Motion 6 for judgr	nent). October 15	5, 2004.	
	*	Patent	Interfe	rence No. 1	05,171. Regents of the U	Jniversity of Cal	ifornia Reply 7 (to Iowa's	
		Opposi	tion to	UC Prelim	inary Motion 7 for Bene	Iniversity of Cal	ifornia Reply 8 (to Iowa's	
1	*	Opposi	tion to	UC Prelim	inary Motion 8 to add a	dditional claims)	October 15, 2004.	
	*	Patent	Interfe	rence No. 1	05,171. Decision on Mo	tion under 37 Cl	FR §41.125. March 10, 2005.	
	*	Patent	Interfe	rence No. 1	05,171. Judgment and	Order. March 10,	, 2005.	
	 *	Patent 2005.	Interfe	erence No. 1	05,171. Regents of the t	University of Cal	ifornia. Brief of Appellant. July 5,	
		Patent	Interfe	rence No. 1	05,171. University of Ic	wa and Coley Pl	narmaceutical Group, Inc. Brief of	
	-	Appell	ees. A	ugust 17, 20	005.			
	*	Patent Septem			.05,171. Regents of the	University of Cal	ifornia. Reply Brief of Appellant.	
\forall	*	Patent 17, 200	Interfe	erence No.	05,171. Regents of the	University of Cal	lifornia. Decision of CAFC. July	
on for an earl	ier filing date pies of U.S. e 37 CFR §1 pired by 37 C	patents, pull.98 and 128 CFR §1.98 t	U.S.C. I blished 870G16 unless 1	I20 (continuati U.S. patent app 63. Copies of a) such copies v	on, continuation-in-part, and collications, or pending, unpublications	Invisional application shed patent application s), unpublished, pend	tion, Serial No. 10/690,495, filed October 21, s). ons stored in the USPTO's Image File Wrappe ling U.S. patent applications, or other informat at complies with 37 CFR §1.98, and 2) the earl	r (IFW) syste ion listed are
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EXAMINER						DATE CONSIDER	RED:	

12/21/2007

/Nina Archie/

EXAMINER: Initial if reference considered, whether or noticitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Attorney Docket No. C1039.70083US07 Express Mail Label No. EV 292460244 US Date of Deposit: February 26, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Arthur M. Krieg et al.

Serial No:

Not yet assigned

Confirmation No:

Filed:

Herewith

For:

IMMUNOMODULATORY OLIGONUCLEOTIDES

Examiner:

Not yet assigned

Art Unit:

Not yet assigned

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case.

No fee or certification is required.

Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

771612.1

The applicant would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application (copies enclosed with parent patent applications US Serial No.: 10/690,495, 09/415,142 or 08/386,063 except 10/690,495, a copy of which is enclosed herewith, C1039-70083US01 through 70083US07, are identical to the parent and therefore copies are not enclosed):

Docket Number	Serial Number	Filing Date	Inventor(s)
C1037.70013US00	09/776,479	2/2/01	Bratzler et al.
C1037.70016US00	09/009,634	1/20/98	Hutcherson et al.
C1037.70021US00	09/949,194	9/7/01	Peterson et al.
C1037.70025US00	10/017,995	12/14/01	Bratzler
C1037.70038US01	10/735,592	12/11/03	Krieg et al.
C1037.70041US00	10/613,749	7/3/03	Krieg
C1037.70042US00	10/613,524	7/3/03	Krieg
C1037.70043US00	10/613,739	7/3/03	Krieg
C1037.70044US00	10/613,716	7/3/03	Krieg
C1037.70045US00	10/613,228	7/3/03	Krieg
C1037.70046US00	10/455,247	6/5/03	Krieg
C1037.70048US00	10/644,052	8/19/03	Krieg et al.
C1037.70049US00	10/643,141	8/18/03	Hutcherson et al.
C1037.70051US00	10/666,733	9/19/03	Bratzler et al.
C1037.70052US00	10/668,050	9/22/03	Bratzler et al.
C1039.70020US00	09/337,584	6/21/99	Krieg et al.
C1039.70022US00	09/337,893	6/21/99	Krieg
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C1039.70035US00	09/669,187	09/25/00	Krieg et al.
C1039.70036US00	09/559,140	4/27/00	Noll et al.
C1039.70041US00	09/655,319	9/5/00	Krieg et al.
C1039.70042US00	09/630,319	7/31/00	Krieg et al.
C1039.70043US00	09/629,477	7/31/00	Krieg et al.
C1039.70044US00	09/672,126	9/27/00	Hartmann et al.
C1039.70048US00	09/818,918	3/27/01	Krieg et al.
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C1039.70049US00	09/824,468	04/02/01	Krieg et al.
C1039.70052US00	09/888,326	6/22/01	Weiner et al.
C1039.70057US00	09/965,101	9/26/01	Davis et al.
C1039.70058US00	10/023,909	12/18/01	Davis et al.

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Docket Number	Serial Number	Filing Date	Inventor(s)
C1039.70060US00	10/112,653	3/29/02	Krieg et al.
C1039.70061US00	10/161,229	6/3/02	Krieg et al.
C1039.70062US00	10/187,489	7/2/02	Krieg et al.
C1039.70063US00	10/224,523	8/19/02	Krieg et al.
C1039.70065US00	10/272,502	10/15/02	Krieg et al.
C1039.70067US00	10/300,247	11/20/02	Davis et al.
C1039.70068US00	10/306,522	11/27/02	Krieg et al.
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C1041.70002US00	09/241,653	2/2/99	Wagner et al.
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C1041.70037US00	10/407,952	4/4/03	Lipford et al.
C1041.70040US00	10/666,844	9/19/03	Lipford et al.

Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

- 1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
- 2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
- 3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted, Arthur M. Krieg et al., Applicant

 $Rv \cdot$

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Docket No. C1039.70083US07

Date: February 26, 2004 XNDDX

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FORM PTC	0-1449/A and B (M	odifie	d)	APPLICATION NO.:	10789353	ATTY. DOCKET NO.: C1039.70083US07
	RMATION D			FILING DATE:	Herewith	CONFIRMATION NO.:
STAT	TEMENT BY	APP	LICANT	APPLICANT:	Arthur M. Krieg et a	ıl.
				GROUP ART UNIT:		EXAMINER: Not yet assigned

Examiner's	Cite	U.S. Patent Doc	ument	Name of Patentee or Applicant of Cited	Date of Publication or of issue of Cited Document	
Initials No.		Number	Kind Code	- Document	MM-DD-YYYY	
/NA/ *		2,215,233		Ruskin	09-17-1940	
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FORM PTO-1449/A and B (Modified)		APPLICATION NO.:		ATTY. DOCKET NO.: C1039.70083US07		
INFORMATION DISCLOSURE			•	FILING DATE:	FILING DATE: Herewith CONFIRMATION NO.:	
STAT	EMENT BY	APP	LICANT	APPLICANT:	Arthur M. Krieg et a	ıl.
				GROUP ART UNIT:	Not yet assigned	EXAMINER: Not yet assigned
Sheet	2	of	7			2.222

Examiner's	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication or of issue of Cited Document MM-DD-YYYY	
Initials No.		Number	Kind Code	Document		
/NA/	•	6,004,534		Langer et al.	12-21-1999	
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V	•	US 2003/0059773	Al	Van Nest et al.	03/27/2003	

FORM PTO-1449/A and B (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICATION NO.:		ATTY. DOCKET NO.: C1039.70083US07		
				FILING DATE:	FILING DATE: Herewith CONFIRMATION NO.:		
			APPLICANT:	Arthur M. Krieg et	al.		
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^{**}a copy of this reference is not provided as it was previously cited by or submitted to the office in one of the following prior applications, Serial No. <u>08/386.063</u>, filed <u>02/07/1995</u>, Serial No. <u>09/415.142</u>, filed <u>10/09/99</u>, Serial No. <u>10/690.495</u>, filed <u>10/21/03</u> and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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